



MALLING RURAL DISTRICT COUNCIL.

ANNUAL REPORT

for

1940.

By the  
Medical Officer of Health  
(Dr. N. HAY BOLTON)  
and  
Senior Sanitary Inspector  
(Mr. S. L. BUNDY).

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COUNCIL OFFICES,  
WEST MALLING.

To the Chairman and Members of the Malling R. D. C.

Mr. Chairman, Lady and Gentlemen,

I beg to submit my seventh Annual Report on the health of the area for the year ended 31st December, 1940. As in the previous year, the Report is confined to essential matters only.

I am pleased to be able to report that the vital statistics continue to remain satisfactory. The death rate of 10.59 per 1,000 population compares very favourably with the corresponding figure for England and Wales, which was 14.3 per 1,000 civilian population, whilst the birth rate of 14.32 is only .28 lower than the figure for the country as a whole.

There were no serious outbreaks of infectious disease during the year. One hundred and eighty one cases of infectious disease were notified by medical practitioners, showing an increase of twenty-two over the previous year. This is accounted for by the fact that whooping cough and measles, not formerly notifiable, were responsible for 66 per cent of the total number of notifications.

The Registrar General's estimate of the population of 34,150 shows an increase of 1,270 over the previous year.

## SECTION A.

Area of the District (in acres)	45, 650
Registrar General's estimate of resident population, mid year, 1940	84, 150
Number of inhabited houses (end 1940) according to rate books - computed	119,157
Rateable Value	£177, 358
Sum represented by a penny rate	£712

## EXTRACTS FROM THE VITAL STATISTICS.

<u>Live Births</u>	<u>TOTAL</u>	<u>M.</u>	<u>F.</u>
Legitimate	471	240	231
Illegitimate	18	9	9
Total Live Births	489	249	240
Birth rate per 1,000 estimated resident population mid 1940			14.32

<u>Still Births</u>	<u>TOTAL</u>	<u>M.</u>	<u>F.</u>
Legitimate	13	9	4
Illegitimate	-	-	-
Rate per 1,000 total (live and still) births			25.87

<u>Deaths</u>	
Total	373
Death rate per 1,000 estimated average population	10.92(crude)
Adjusted for comparison with the rest of England and Wales (i.e.) multiplied by the Areal Comparability Factor of 0.97	10.59

## Deaths from Puerperal Causes

Puerperal Sepsis . . . . .	Nil.
Other maternal causes . . . . .	1.
Rate per 1,000 total (live & still) births . . . . .	1.99

## Death rate of Infants under one year of age:-

All infants per 1,000 live births . . . . .	32.72
Legitimate infants per 1,000 . . . . .	
Legitimate live births . . . . .	33.95
Illegitimate infants per 1,000 . . . . .	
Illegitimate live births . . . . .	55.55
Deaths from cancer (all ages) . . . . .	51
" " measles " " . . . . .	Nil.
" " whooping cough (all ages) . . . . .	Nil.
" " Diarrhoea (under two years of age) . . . . .	1

## SECTION B.

Public Health Staff. No changes have been made and the staff remains the same as recorded in my Report for 1938.

(a) Laboratory Facilities. These facilities are adequate and I should like to take this opportunity of expressing my appreciation to the staff of the Kent County Council Public Health Laboratory for their co-operation and assistance throughout the year.

(b) Ambulance Facilities. These services remain unchanged.

(c) Nursing in the Home. The various village Nursing Associations continued to do excellent work during the year under review.

No changes have taken place in the arrangements for the treatment of infectious diseases.



## Maternity and Child Welfare.

The Kent County Council continued to administer these services which are adequate and comprehensive. Much valuable work has been carried out during the year.

## Prevalence of, and Control over, Infectious and other Diseases.

The following cases of notifiable diseases occurred during the year:-

<u>Diseases.</u>	<u>Total Notified.</u>	<u>Admitted to Hospital.</u>	<u>Total Deaths.</u>
Smallpox . .	Nil.	Nil.	Nil.
Scarlet Fever .	30	* 80	Nil.
Diphtheria . .	5	6	Nil.
Enteric Fever .	2	Nil.	Nil.
Pneumonia . .	19	Nil.	19.
Puerperal Pyrexia	Nil.	Nil.	Nil.
Erysipelas	5	Nil.	Nil.
Measles . .	30	Nil.	Nil.
Whooping cough .	90		Nil.
Totals	181		19

\* Accounted for by reason that a great many cases were admitted from without the area.

The following table is inserted for comparison purposes with the death and notification rates for England and Wales. It may be noted that the comparison is extremely favourable:-

England  
and  
Wales.

Malling  
R. D.

Rates per 1,000 population(civilian).

Deaths:-

All causes . . . . .	14.3	10.69
Enteric Fever. . . . .	0.00	.00
Scarlet Fever. . . . .	0. 00	.00
Whooping Cough . . . . .	0.02	.00
Diphtheria . . . . .	0.06	.00
Influenza . . . . .	0.36	0.03
Smallpox . . . . .	-	-
Measles . . . . .	0.02	.00

Notifications.

Enteric Fever. . . . .	0.07	.06
Cerebro Spinal Fever . . . . .	0.32	.00
Scarlet Fever. . . . .	1.63	.87
Whooping Cough . . . . .	1.34	.88
Diphtheria . . . . .	1.16	.14
Erysipelas . . . . .	0.33	.06
Smallpox . . . . .	0.00	.00
Measles . . . . .	10.24	2.63
Pneumonia . . . . .	1.20	.55

Tuberculosis - Respiratory.

Twenty-three deaths were registered as due to this disease as compared with twenty-five for the previous year. The death rate was .70 per 1,000 population. Twenty-three new cases were added to the register.

### Tuberculosis - Non-respiratory.

Ten deaths were registered as due to non-respiratory tuberculosis yielding a death rate of .29 per 1,000 population. Six notifications were received during the year.

The following table sets out in age groups the new cases recorded in the register during the year together with such deaths as occurred:-

<u>Age Periods.</u>	<u>New Cases.</u>		<u>Deaths.</u>	
	<u>Respiratory.</u>		<u>Non-respiratory.</u>	
	M.	F.	M.	F.
0 - 1	-	-	-	-
1 - 5	-	-	-	2
5 -15	-	-	1	-
15 -25	3	5	-	-
25 -35	5	3	-	-
35 -45	2	2	1	-
45 -55	3	-	-	-
55 -65	-	-	-	-
65 upwards.	-	-	-	-
Totals.	13	10	2	2



The table set out below shows the number of deaths from all causes during the year:

<u>No.</u>	<u>Cause.</u>	<u>Number</u>	
		<u>Male.</u>	<u>Female.</u>
6	Tuberculosis of the respiratory system. . . . .	16	7
7	Tuberculosis - other forms. . . . .	2	4
8	Syphilitic diseases . . . . .	4	-
9	Influenza . . . . .	-	1
13	Cancer . . . . .	29	22
17	Diabetes . . . . .	1	3
18	Intra cran: vasc lesions . . . . .	19	24
19	Heart disease . . . . .	48	38
20	Other diseases of circulatory system	8	3
21	Bronchitis . . . . .	11	10
22	Pneumonia . . . . .	10	9
23	Other respiratory diseases . . . . .	5	2
24	Ulcer of stomach or duodenum . . . . .	1	0
25	Diarrhoea (under 2 yrs.) . . . . .	0	1
26	Appendicitis . . . . .	1	1
27	Other digestive diseases . . . . .	0	3
28	Nephritis . . . . .	6	10
30	Other maternal causes . . . . .	0	1
31	Premature birth . . . . .	0	1
32	Congenital mal: birth inj: etc. . . . .	2	4
33	Suicide . . . . .	2	0
34	Road traffic accidents. . . . .	6	0
35	Other violent causes . . . . .	18	13
36	All other causes . . . . .	25	12
<u>Totals:</u>		<u>214</u>	<u>169</u>

I would like to add that I am deeply grateful to the Council for their continued support throughout the year.

I have the honour to be,

Your obedient Servant,

N. Hay Bolton.

Medical Officer of Health.

31st July, 1941.

To the Chairman and Members of the Malling R. D. C.

Mr. Chairman, Lady and Gentlemen.

I have pleasure in submitting the following details of the Sanitary circumstances of the area and of the work carried out by my Department for the year ended 31st December, 1940.

As in the previous year, the Report has been very much reduced and I have referred only to the more important branches of the work.

In spite of the fact that the past year has been strenuous and arduous, good work has been done, and every endeavour has been made to keep the work up to date.

#### SECTION C.

##### Water.

The major part of the area is supplied by the Mid or South Kent Water Company. No new sources of supply have been utilised during the year. Samples of the public supply were submitted for bacteriological examination, all of which were satisfactory. No important works in connection with water supply were undertaken during the year.

##### Drainage and Sewerage.

The position as regards drainage and sewerage is materially the same as in the previous year. No alterations or improvements have been effected.

##### Rivers and Streams.

In my Report for 1939, reference was made to the pollution of a stream by an impure effluent from a large institution. Certain works were completed during the early

part of the year and no further cause for complaint arose. Two informal notices were served on the persons responsible for causing pollution to a stream at Snodland by allowing the discharge of sink waste water. The notices were complied with and further action was unnecessary.

### Public Cleansing.

#### (a) Refuse Collection and Disposal.

No changes have been made in the method of collection or disposal during the year. Efforts were made at the commencement of the year to intensify the salvage campaign. House to house canvassers were enrolled and leaflets distributed to all houses within the district. Three trailers were purchased in order that paper, rags, bottles, tins, etc., could be kept separate from the refuse. A paper baling machine was installed at the Upper Paper Mill, East Malling, and two women are employed wholetime on sorting and baling the paper. When baled, the paper is sent to Tovil Mills for grading and pulping. No opportunity is missed for impressing on the public the vital necessity for salvage and I am pleased to be able to report that the response has been good. Endeavours have been made to obtain closer co-operation between the refuse men and the general public, in order to ensure the efficient working of the scheme.

#### (b) Cesspool Emptying.

The two emptiers have been kept busy throughout the year. Difficulty has been experienced in finding suitable tips which unfortunately adds to the cost of the service, inasmuch that running costs are higher.



## Sanitary Inspection of the Area.

During the year, 2,671 inspections were carried out in connection with the work of the Department and the following detailed statement shows nuisances and defects remedied:-

Overcrowding . . . . .	11	Dampness remedied in dwellings . . . . .	36
Hop Pickers Camps . . . . .	16	Roofs and rain water pipes repaired . . . . .	97
Sanitary accommodation:		Floors relaid where rough and faulty . . . . .	28
1. Where insufficient . . . . .	10	Walls and ceilings repaired . . . . .	41
2. Where defective . . . . .	97	Windows and ventilation altered to comply with requirements. . . . .	15
Drainage:		Baths, Lavatory Basins, sinks and Sanitary Fittings repaired or provided where absent . . . . .	18
1. Reconstructed . . . . .	24	Water Supplies:	
2. Repaired . . . . .	62	(a) New supplies provided . . . . .	7
3. Cleansed . . . . .	711	(b) Precautions for preventing contamination of existing supplies . . . . .	16
Cesspools:		Miscellaneous defects remedied . . . . .	94
1. Repaired . . . . .	29		
Offensive Accumulations removed . . . . .	10		
Refuse receptacles provided or renewed . . . . .	462		
Tents, Vans and sheds infringements rectified . . . . .	9		
Smoke Nuisances abated . . . . .	1		
Yard paving made good . . . . .	9		
Keeping of animals . . . . .	7		



# Factories Act, 1937.

## 1. Inspections.

<u>Premises.</u>	<u>No. of In- spections.</u>	<u>No. of written notices.</u>	<u>No. of Prosecut- ions.</u>
Factories with mechanical power	45	4	Nil.
Factories without mechanical power	36	3	Nil.
Other premises under the Act (including works of building and engineering construct- ion but not including outworkers premises)	-	-	Nil.
Totals.	81	7	Nil.

## 2. Defects Found.

<u>Particulars.</u>	<u>Number of Defects.</u>			<u>No. of De- fects in re- spect of which Pros- ecutions were instituted.</u>
	<u>Found.</u>	<u>Remedied.</u>	<u>Referred to H.M. Inspector.</u>	
Want of cleanliness (S.1.)	1	1	-	-
Overcrowding (S.2.)	-	-	-	-
Unreasonable temperat- ure (S.3.)	-	-	-	-
Inadequate ventilation.	-	-	-	-
Ineffective drainage of floors (S.6.)	-	-	-	-
Sanitary Conveniences (S.7.)	-	-	-	-
Insufficient	3	3	-	-
Unsuitable or defective	1	1	-	-
Not separate for sexes	-	-	-	-
Other offences	-	-	-	-
Totals:	5	5	-	-

### The Shops Acts, 1912-1936.

Inspections of shops were carried out as in previous years, although, in view of pressure of work, the number of inspections recorded were not as high as one could expect. Four complaints were received with regard to insufficient sanitary conveniences. These were investigated and dealt with without recourse to formal action.

### Camping Sites.

No applications were received under Section 269 of the Public Health Act, 1936, for licences for camping sites.

### Smoke Abatement.

I am pleased to be able to report that only one complaint was received with reference to the discharge of excessive smoke from a factory chimney. The attention of the occupier was drawn to the fact and no further trouble was experienced.

### Eradication of the Bed Bug.

Six houses, two of which were owned by the Council, were disinfected by spraying with "Zaldicide". This method proved efficient and in no instance did re-infestation occur.

### Rats and Mice (Destruction) Act, 1919.

Throughout the year, every effort has been made to impress upon the public the urgent necessity for taking adequate steps to guard against the possibility of rat infestation. No opportunity is lost to stress the importance of keeping rats down and every assistance is given in cases where rat infestation is experienced. Food

premises are visited at frequent periods, in order to ensure that the provisions of the Act are complied with. Six notices were served under the Act.

#### SECTION D.

##### Housing.

523 inspections were made under the Housing and Public Health Acts and 187 houses were rendered fit in consequence of informal action. Eight formal notices were served and the owners carried out the necessary repairs.

#### SECTION E.

##### Inspection and Supervision of Food.

##### (a) Milk Supply.

One hundred and thirty routine inspections were carried out of farms and dairies within the district. In spite of labour difficulties, the standard of cleanliness, on the whole, was satisfactory, with one or two possible exceptions. Efforts were directed towards improving conditions at these unsatisfactory premises and further inspections showed a definite improvement.

No samples of non-designated milk were submitted for bacterial content.

##### The Milk (Special Designations) Order, 1936 & 1938.

Nineteen producers were licensed under the order for the production of accredited milk. During the year, 63 samples were submitted for examination and 17 per cent of these failed to satisfy the methylene blue test. Repeat samples were taken in the case of unsatis-



factory samples and these satisfied the test.

(b) Meat and Other Foods.

No routine visits were made to slaughter houses as, under the Regional Scheme, all slaughtering is done outside the area.

The following food was condemned as unfit, during the year:-

15 Lambs' carcasses.  
9 " quarters.  
1 Pig's carcase.  
28 lbs. Plaice.  
14 lbs. Whiting.  
56 lbs. Mackerel.  
56 lbs. Herrings.  
14 lbs. Sole.  
28 lbs. Cod Fish.  
42 lbs. Dab Fish.  
70 lbs. Haddock.  
3 dozen Rabbits.  
6 lbs. Corn Beef.

No legal proceedings were undertaken during the year.

(c) Adulteration, etc.

I am indebted to the Deputy Chief Inspector of Weights and Measures (Mr. W. E. Allen) for the following details of the work carried out by sampling officers within the district:-

<u>Article.</u>	<u>Number of samples.</u>
Ammoniated Tincture of Quinine	1
Arrowroot . . . . .	1
Aspirin . . . . .	1
Baking Powder . . . . .	2
Boracic Ointment. . . . .	1
Butter . . . . .	4
Camphorated Oil . . . . .	2
Castor Oil . . . . .	1
Cod Liver Oil . . . . .	1
Coffee . . . . .	2
Coffee and Chicory . . . . .	1
Condensed Milk . . . . .	1
Cooking Fat . . . . .	1



<u>Article.</u>	<u>Number of Samples.</u>
Cornflour . . . . .	1
Cream, tin of . . . . .	1
Flour . . . . .	1
Jam . . . . .	3
Lard . . . . .	1
Liquorice Powder. . . . .	1
Margarine . . . . .	7
New Milk . . . . .	87
Mustard . . . . .	1
Pepper . . . . .	1
Pork Roll . . . . .	1
Preserved Peas . . . . .	1
Rice . . . . .	1
Sausage . . . . .	2
Shredded Beef Suet . . . . .	1
Sugar . . . . .	1
Total:	<u>130</u>

Details of unsatisfactory Samples.

New Milk.	Contained 6.0%	added water)	These two samples were foll-
" "	" 6.1%	" "	owed up by the two samples
" "	" 8.3%	" "	)next below.
" "	" 4.0%	" "	Defendant fined £10)Both
			Defendant fined £10)samples
			)from
			)same pro-
" "	" 9.7%	" "	ducer.
			Defendant fined £10.

With the exception of the 5 new milks,  
all samples were returned as "Genuine".

Hop Picking.

Hop picking commenced towards the end  
of August and farmers experienced difficulty in obtaining  
adequate labour, which had the effect of lengthening the  
season. Routine inspections were carried out and no  
serious conditions were found to exist. No outbreak of  
infectious disease occurred.

In conclusion, I would add that I am in-  
debted to the Chairman and Members of the Council for the  
consideration and support I have received during the year.

I am, Lady and Gentlemen,  
Your obedient Servant,  
Stephen L. Bundy.

31st July, 1941.

Senior Sanitary Inspector.

